

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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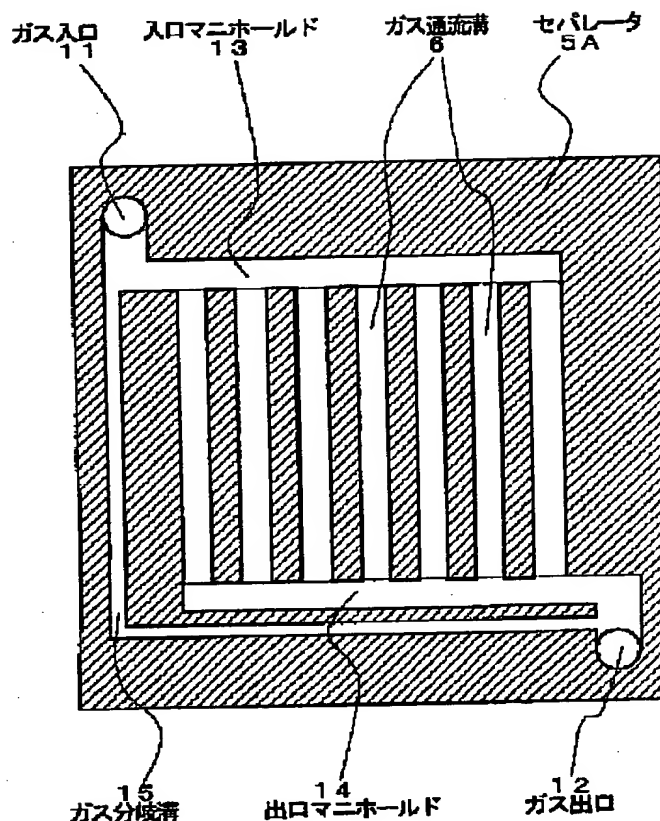
APPLICATION DATE : 01-04-97  
APPLICATION NUMBER : 09082812

APPLICANT : FUJI ELECTRIC CO LTD;

INVENTOR : URABE KYOICHI;

INT.CL. : H01M 8/02 H01M 8/10 H01M 8/24

TITLE : SOLID HIGH POLYMER  
ELECTROLYTE FUEL CELL



**ABSTRACT :** PROBLEM TO BE SOLVED: To obtain an output of a cell stably, even if a situation in which water drops are produced in a supply piping and supplied to a cell together with reactive gas occurs.

**SOLUTION:** A gas branch groove 15 which is connected to a gas outlet 12 after being extended downward perpendicularly from a gas inlet 11 is added to a gas passage in which reactive gas is introduced from the gas inlet 11 provided in an upper portion of a separator 5A, dispersed and passed from an inlet manifold 13 to plural gas conduction grooves 6 placed in a power generation area, and collected in an outlet manifold 14 to exhaust outside from an outlet 12, so that water drops are led to the gas branch groove 15.

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